GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:957
ANSWERED ON:29.07.2005
SILTATION IN HYDRO POWER PROJECTS . MOHD. SHAHID
Khan Shri Mohammad Tahir

Will the Minister of POWER be pleased to state:

(a) whether the Government is aware that several hydro power plants are not generating power as per their installed capacity or have closed down due to heavy rains and siltation;

(b) if so, the details thereof, project-wise;

(c) whether the Government has assessed the loss of power generation due to the current floods;

(d) if so, the details thereof; and

(e) the steps being taken by the Government to ensure uninterrupted power supply in the country?

Answer

THE MINISTER OF POWER (SHRI P.M. SAYEED)

(a) to (d) : During the year 2005-06, for the period April, 2005 to 24th July, 2005, all India generation from hydroelectric stations in the country was 29,511 MU (105.3% of the target) against the programme of 28,108 MU i.e. 1,493 MU more than the schedule.

However, certain hydro power projects like Nathpa Jhakri (1500 MW) and Baspa (300 MW) were closed down for few days during June and July, 2005 on account of high silt content in the river water and apprehensions of flash floods.

Salal, Chamera-II, Rangit and Baira Siul Hydro-electric Projects were also closed down for few hours to carry out silt flushing operations.

The details of the projects closed down due to heavy rains and high silt and the resultant loss of power generation are given in the Annexure.

(e) : To ensure uninterrupted power supply in the country, the following steps are being taken / proposed to be taken by the Government:

(i) Setting up of National Grid for inter-state / inter-regional power transfer.

(ii) Exploitation of hydro potential at a faster pace.

(iii) Timely completion of ongoing / sanctioned projects.

(iv) Setting up of higher targets for capacity addition during 10th and 11th Plan

(v) Strengthening / Augmentation of sub-transmission and distribution systems.

(vi) Encourage demand side management including energy efficiency and energy conservation measures.

(vii) Increase in Central Plan outlay for power development in the 10th Plan as compared to the 9th Plan.

(viii) Renovation & Modernization works to improve the Plant Load Factor of the old / ongoing power stations.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 957 TO BE ANSWERED IN THE LOK SABHA ON 29.7.2005.

The details of loss of power generation in hydro-electric projects on account of heavy rains and high silt due to recent floods.

Sl. No.	Name of Project			Assessed generation loss (Million Units)
1.	Nathpa Jhakri Project (1500 MW)		Hydro-electric	819.46
2.	Baspa (300 MW) #			41.90
3.	Salal-I & II (690 MW) #			30.53
4.	Chamera-II #			24.78
5.	Rangit - IV #			0.75
6.	Baira Siul #			1.34
	Total			918.76

From 25th June to 21st July, 2005. # From 1st April, 2005 to 20th July, 2005.